

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1 and 2 (canceled).

3. (currently amended) A session control system comprising:
a control unit for performing a process of establishing a session
between communication terminals connected to an IP network;
a receiving unit for receiving, from a first communication terminal, a
session control request packet to a second communication terminal; and
a transmitting unit for transmitting a notification to said first
communication terminal if an IP protocol version of said session control
request packet is different from an IP protocol version usable by said second
communication terminal~~according to claim 1,~~

wherein said receiving unit receives a packet having each of registration information for an IPv4 terminal and registration information for an IPv6 terminal.

4. (original) A session control system according to claim 3, wherein the packet having said registration information is an IPv4 packet or an IPv6 packet.

5. (currently amended) A session control system comprising:
a control unit for performing a process of establishing a session between communication terminals connected to an IP network;

a receiving unit for receiving, from a first communication terminal, a session control request packet to be ~~transfer~~transferred to a second communication terminal; and

a transmitting unit for transmitting, if an IP protocol version of said session control request packet is different from an IP protocol version usable by said second communication terminal, a packet obtained by converting an IP header of said session control request packet to the IP protocol usable by said second communication terminal;

wherein said receiving unit receives a packet having each of registration information for an IPv4 terminal and registration information for an IPv6 terminal.

Claims 6 and 7 (canceled).

8. (currently amended) A communication terminal according connected to a session control system via an IP network and capable of communication using the IPv4 protocol and communication using the IPv6 protocol, comprising:

a transmitting unit for transmitting to said session control system, by using the IPv4 or IPv6 protocol, a session control request for requesting a session control to a communication terminal to be a communication partner;
and

a receiving unit for receiving a notification indicating that the communication protocol used for said session control request is different from

a communication protocol communicable with the communication terminal to be said communication partner.

wherein upon receiving the notification, a session control request for requesting a session control to the partner communication terminal is transmitted again by using a communication protocol communicable with the partner communication terminal to claim 6, and

wherein said transmitting unit transmits to said session control system a registration packet in which both of registration information for an IPv4 terminal and registration information for an IPv6 terminal is described.

9. (original) A communication terminal according to claim 8, wherein the registration packet including said registration information is either an IPv4 packet or an IPv6 packet.

Claims 10-12 (canceled).

13. (currently amended) A network system comprising:
an IP network, first and second communication terminals each connected to the IP network, and a session control system connected to the IP network,
wherein said first communication terminal has a transmitting unit capable of transmitting a session control request to said second communication terminal by using each of an IPv4 packet and an IPv6 packet,
and
wherein said session control system is comprised of:

a session control unit for establishing a session between said first and second communication terminals;

a receiving unit for receiving the session control request transmitted from said first communication terminal; and

a transmitting unit for transmitting to said first communication terminal, if an IP protocol version of said session control request is different from an IP protocol version usable by the second communication terminal, a notification indicating that the IP protocols are different~~according to claim 11, wherein~~

wherein the transmitting unit of said first communication terminal transmits to said session control system a registration packet in which each of registration information for an IPv4 terminal and registration information for an IPv6 terminal is described, and

wherein the receiving unit of said session control system accepts the packet including said registration information and transmitted from said first communication terminal.

14. (original) A network system according to claim 13, wherein the packet including said registration information is either an IPv4 packet or an IPv6 packet.

15. (currently amended) A network system comprising:
an IP network, first and second communication terminals each connected to the IP network, and a session control system connected to the IP network, ~~wherein~~

wherein said first communication terminal has a transmitting unit capable of transmitting a session control request to said second communication terminal by using each of an IPv4 packet and an IPv6 packet, and

wherein said session control system is comprised of:

a session control unit for establishing a session between said first and second communication terminals;

a receiving unit for receiving a session control request packet transmitted from said first communication terminal; and

a transmitting unit for transmitting, if an IP protocol version of said session control request packet is different from an IP protocol version usable by the second communication terminal, a packet obtained by converting an IP header of the session control request packet to an IP protocol usable by said second communication terminal;

wherein said receiving unit receives a packet having each of registration information for an IPv4 terminal and registration information for an IPv6 terminal.

Claims 16 and 17 (canceled).